



# ALUMINUM ENTRANCES



Bank of Virginia, Portsmouth, Va.  
Architect: Bank Building & Supply Co., St. Louis, Mo.  
Contractor: Doyle & Russell

**HANKINS & JOHANN, Inc.**

MANUFACTURERS OF ARCHITECTURAL METAL PRODUCTS

P. O. BOX 7147 RICHMOND 21, VIRGINIA COLONY 6-2421

SINCE 1919

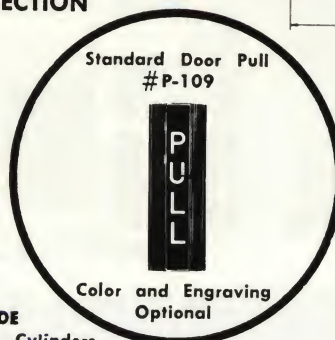
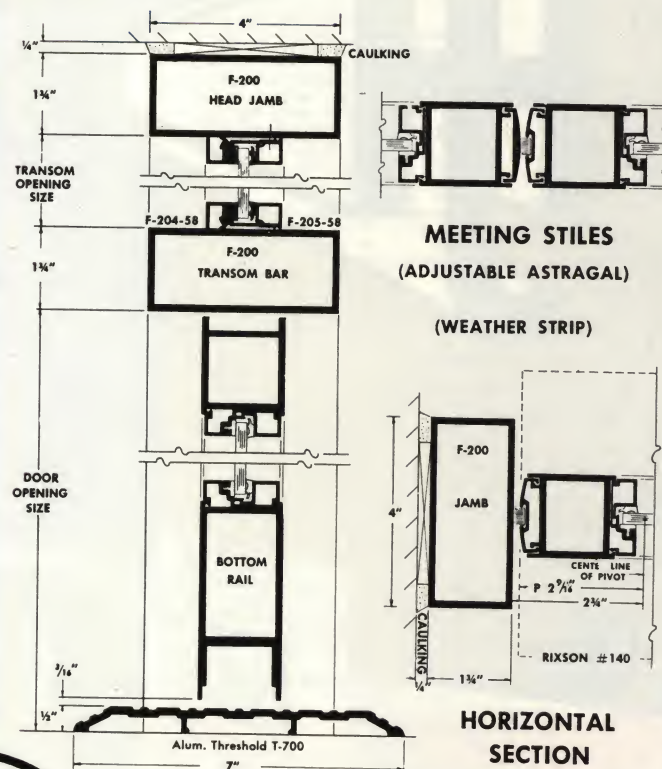
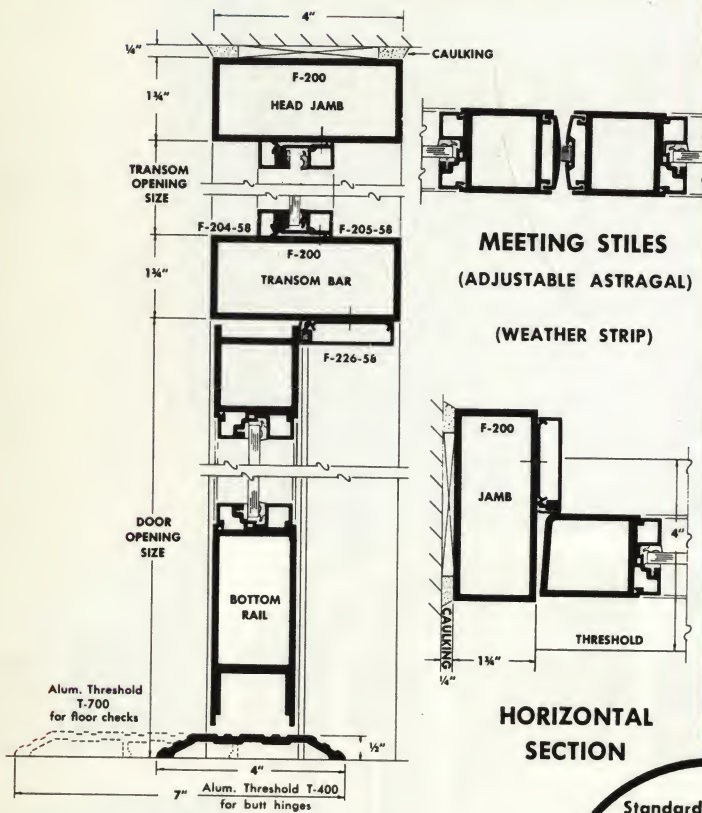


# STANDARD ENTRANCES • Narrow Stile

## SINGLE ACTING

details 3" = 1' 0"

## DOUBLE ACTING



## HARDWARE SCHEDULE

### overhead door closer—type A

- NO. 94 TO 3'-0" WIDE NO. 95 FOR 3'-6" WIDE
- 1—Cylinder dead lock in stile of each active leaf. Cylinders may be had to master-key with any standard cylinder.
  - 2—Flush bolts mounted in edge of each inactive leaf.
  - 1—Surface mounted overhead closer on each door leaf. Brackets furnished for out-swinging doors.
  - 2—Extra heavy polished aluminized aluminum butts
  - 1—Threshold, mill finished aluminum.
  - 1—Door Pull per leaf. #P-109.
  - 1—Push Bar per leaf. #PB-201 x 1 1/4".
- Weather stripping on lock stile of active leaf of double doors only.

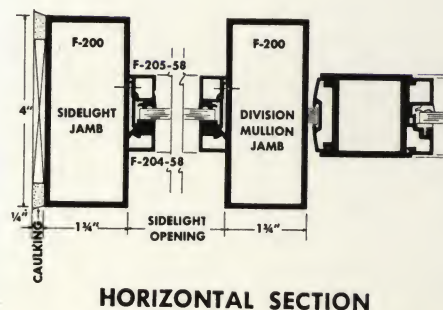
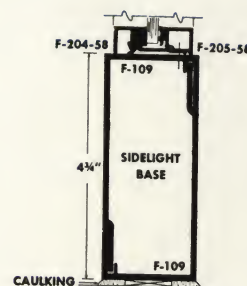
### floor check—type B

- NO. 20 FOR 2'-6" WIDE NO. 25 TO 3'-6" WIDE
- 1—Cylinder dead lock in stile of each active leaf. Cylinders may be had to master-key with any standard cylinder.
  - 2—Flush bolts mounted in edge of each inactive leaf.
  - 1—Floor check per leaf (single acting offset pivot type).
  - 1—Threshold, mill finished aluminum.
  - 1—Door Pull per leaf. #P-109.
  - 1—Push Bar per leaf. #PB-201 x 1 1/4".
- Weather stripping on lock stile of active leaf of double doors only.

### floor check—type C

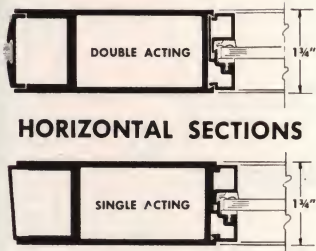
- NO. 130 FOR 2'-6" WIDE NO. 140 TO 3'-6" WIDE
- 1—Cylinder dead lock in stile of each active leaf. Cylinders may be had to master-key with any standard cylinder.
  - 2—Flush bolts mounted in edge of each inactive leaf.
  - 1—Floor check per leaf (center pivot double acting).
  - 1—Threshold, mill finished aluminum.
  - 2—Push Bars per leaf. #PB-201 x 1 1/4".
- Weather stripping on hinge stile of active and inactive leaves, also lock stile of active leaves.

## STANDARD SIDELIGHT UNITS





## WIDE STILE ENTRANCES



HORIZONTAL SECTIONS

Our Alumilting Facilities Offer:

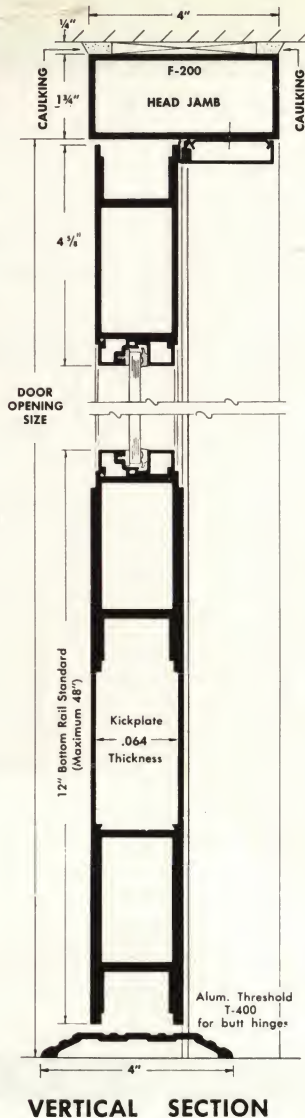
\*Both plain and color work in accordance with the Aluminum Company of America specifications.

\*Our equipment is designed so that we can handle efficiently large and small jobs in extrusions, spandrels, etc.

\*Alcoa's architectural colors (such as #4010 gold color, etc.) are available in all Hankins & Johann extruded or sheet aluminum products. Further information upon request.

\*Exposure tests have been conducted by Alcoa for nearly a quarter of a century and results indicate no perceptible sign of fading.

\*Costwise you will find color alumilting most attractive.



## The New COLOR-LITE Door

Another "First" for



### THREE YEAR GUARANTEE

Hankins & Johann guarantees to supply at no cost to their *selected dealers* any or all components that show color fading within THREE YEARS. Replacement will be in your choice of either the same color or standard alumilite finish. (204 A1)

The Hankins & Johann reputation for outstanding craftsmanship stands behind any product they produce.

The manufacturer furnishes at no cost a new and improved vinyl glazing bead which makes glazing of the door fast, clean and economical.

WE INVITE YOUR INQUIRIES FOR MORE  
DETAILED INFORMATION

## OUTSTANDING FEATURES OF H & J ENTRANCES:

### WEATHERSTRIP ASTRAGAL

H & J metal backed pile weathering and adjustable astragal combine to assure a weather conditioned entrance regardless of extreme temperature changes. Also added protection against wind and dust.

### BUTT HINGES

H & J extra heavy polished alumilited aluminum butt hinges assure smooth, long lasting operation of door. No removable pins.

### DOOR CONSTRUCTION

Tie rods full width inside top and bottom rails give added rigidity and increased tensile strength. Corners of door accurately fitted and milled to flush, hairline joints. Each component is a single extruded section.

### LOCK

Outstanding in styling, durability and functional efficiency. H & J cylinders may be had to master-key or grand master-key with any standard cylinder. Adams-Rite maximum security lock available.

### FLUSH BOLTS

Concealed in door stile and easily operated by handle in edge of stile. Cannot be unbolted when doors are locked.





# STOCK SHAPES

All shapes listed are furnished with the same high quality Alumilite Finish 204-A1 as found on all H & J Entrances. Other alumilite finishes both plain and color are available.

H & J Number	Shape	Description	Stock Length	H & J Number	Shape	Description	Stock Length	H & J Number	Shape	Description	Stock Length
F-100		2"x5 3/4"	22'	F-201		1 3/4"x4"	22'	F-250		1 3/4"x5"	21'1"
F-102		Glass Stop	22'	F-202		1 3/4"x4"	22'				
F-103		Glass Stop	22'	F-203		1"x2"	21'1"	2 Pcs. F-300		2 3/4"x9 1/2" Split	22'
F-106		1/2"x2"	21'	F-204		Glass Stop	22'	F-301		2 3/4"x7 1/2" Split	22'
F-107		1/2"x2"	16'	F-205		Glass Stop	22'	2 Pcs. F-301		2 3/4"x5 1/2" Split	22'
2 Pcs. F-108		2 3/4"x7 1/2" Split	22'	F-206		4"x4"	21'1"	F-305		Stop For D'bl Glazing	22'
2 Pcs. F-109		2"x4 3/4" Split	22'	F-207		1 3/4"x1 3/4"	21'1"	F-306		1"x1"	16'
F-110		2"x4 3/4" Split	22'	2 Pcs. F-208		4"x4" Split	22'	2 Pcs. F-310		5 1/2"x5 1/2" Split	22'
F-111		2 1/2"x4 3/4" Split	22'	F-209		3"x3"	21'1"	M-3		1"x1/2"	16'
F-112		2 1/2"x4 3/4" Split	22'	F-210		2"x5"	21'1"	M-4		1"x1/2"	16'
F-119		1 3/4"x4"	22'	2 Pcs. F-215		5"x5" Split	22'	M-5		1/2"x3/4"	20'
F-120		2"x6"	22'					M-6		1/2"x3/4"	16'
F-121		Glass Stop	22'					M-8		H Divider	16'
F-122		Glass Stop	22'					F-204 -58		Glass Stop	22'
F-140		2"x6 3/4"	22'					F-205 -58		Glass Stop	22'
F-145		3/4"x5"	22'					F-226 -58		Door Stop	22'
F-146		1 1/8"x5 1/16"	22'								
F-147		3/4"x5"	22'								
F-200		1 3/4"x4"	22'								

## OUTSTANDING FEATURES OF H & J ENTRANCES

### to the specification writer

On this page the suggested specifications are written to aid in insuring a high standard of quality.

### general

Aluminum narrow line entrances shall be H & J Type NA (or NB, NC) as manufactured by Hankins & Johann, Inc., Richmond, Virginia.

### material

Doors and frames shall be extruded aluminum alloy 6063 T5. Door stile section shall not be less than 1/8" or .125" in thickness and frame section shall not be less than .125" in thickness. On extruded work, edges, angles and corners shall be square, clean and sharp. All materials must be carefully selected for color-matching qualities. Screws shall be of 2024 T4 aluminum alloy, stainless steel, or cadmium plated brass or bronze.

### workmanship

All workmanship to be of the highest quality and performed by mechanics skilled in fabrication of high quality architectural metalwork. Corners of doors shall be accurately joined and fitted to flush hairline, watertight joints. Mechanical fastenings shall be the preferred method of assembly. All fastenings shall be concealed wherever possible. All exposed screws shall be on the interior of the building. All glazing shall be with aluminum glazing members and no putty or mastic used in setting of the glass shall be exposed to view from interior or exterior. All cutouts, recesses, mortising or milling operations required for hardware shall be accurately made and reinforced with backing plates as required to insure adequate strength of the connection.

### hardware

All stock doors shall have standard hardware furnished by the door manufacturer. Hardware for custom built doors and special entrances shall be specified by the architect. Hardware furnished by others shall be sent to the door manufacturer for application to the door.

### finish

Exposed surfaces on all aluminum sections except thresholds shall be finished to a polished high lustre (free from die markings, scratches, and blisters), then alumilited. Preparation for alumiliting and the alumiliting to be in accordance with Aluminum Company of America specifications for alumilite process No. 204-A-1. Samples of the finish will be submitted to architect (upon request) for approval. Color alumiliting shall be in accordance with Aluminum Company of America specifications on architectural colors.

### erection

All openings shall be prepared plumb and square by others. All items under this heading shall be set plumb, square, level and at their proper elevation and plane and located in proper alignment with all other work. They shall be securely anchored and ready for operation in every respect. All joints between metal and masonry shall be fully caulked in order to secure a watertight job. After erection, the general contractor shall adequately protect all exposed portions of the doors, frames and other alumilited parts from damage by grinding and polishing machines, plaster, lime, acid, cement or other harmful compounds.

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